In the Claims:

Please delete the word "Claims" and insert --What is claimed is:-- therefor.

Please amend the claims as follows:

1. (currently amended) A method for transmitting trace data to a network tester [[(NT)]], ~~in which case~~ comprising:

 tracing the data transmission between a mobile terminal [[(1)]] and a network ~~(9) is traced, characterized in that~~,

 transmitting the trace data ~~(11) is transmitted~~ by using a standardized interface specification [[(3)]], and

 ~~in which case~~ controlling, via specific AT commands, the setting of the trace parameters and the communicating of the trace data ~~via specific AT commands (10) is controlled at the same time~~.

2. (currently amended) The method according to claim 1, ~~characterized in that~~ further comprising:

 buffering and delaying the trace data ~~(11) is buffered and delayed~~ in the mobile terminal ~~(1) in question~~ before its transmission, ~~in which case the~~ wherein timings ~~connected~~ related to the operation of the mobile terminal ~~(1) in question~~ can be hidden.

3. (currently amended) The method according to claim 2, ~~characterized in that~~ further comprising:

 buffering at least the trace data concerning the system information of the mobile terminal [[(1)]] and the packet system information ~~is buffered~~.

4. (currently amended) The method according to ~~any of the claims 1 to 3~~ claim 1, ~~characterized in that~~ further comprising:

using, in addition to the specific AT command set [[(10)]], a normal AT command set known as such ~~is used~~ in controlling the operation of the mobile terminal [[(1)]], but allowing the use of only one command set at a time in controlling the mobile terminal ~~(1) is allowed~~.

5. (currently amended) The method according to ~~any of the claims 1 to 4~~ claim 1, ~~characterized in that~~ further comprising:

modifying the trace data [[(11)]] to be sent to the network tester ~~(NT) is modified~~ into a format, wherein [[it]] the trace data comprises only the data substantial from the point of view of tracing.

6. (currently amended) The method according to ~~any of the claims 1 to 5~~ claim 1, ~~characterized in that~~ further comprising:

using the standardized interface ~~(3) in question is used also~~ in other data transmission also, ~~in which case it~~ wherein the interface is a bus intended for communicating normal user data ~~is in question~~.

7. (currently amended) The method according to ~~any of the claims 1 to 6~~ claim 6, ~~characterized in that~~ further comprising:

using the bus ~~in question is used~~ for data transmission between the network tester [[(NT)]] and the network [[(9)]], from which the trace data [[(11)]] is collected simultaneously.

8. (currently amended) A trace system, ~~which comprises~~ comprising:

a network tester [[(NT)]] and a mobile terminal ~~(1), which is~~ arranged for collecting trace data and communicating [[it]] the trace data to [[a]] the network tester, ~~(NT), in which case~~ wherein the trace data applies only to the data transmission between the mobile terminal [[(1)]] and [[the]] a network ~~(9), characterized in that~~

6

wherein the <u>trace</u> system <u>further</u> comprises a standardized interface (3), which is arranged to communicate <u>the</u> trace data [[(11)]], and control means (14, 15) for setting the parameters of tracing and for communicating the trace data, which can be controlled with specific AT commands [[(10)]].

9. (currently amended) The trace system according to claim [[1]] <u>8</u>, characterized in that, in addition, it <u>wherein the trace system further</u> comprises<u>:</u>

       means (14, 15) for buffering and delaying the trace data [[(11)]] in the <u>mobile</u> terminal (1) in question before its transmission to the network tester<u>,</u> (NT), in which case <u>wherein</u> the timings connected <u>related</u> to the function of the <u>mobile</u> terminal (1) in question can be hidden.

10. (currently amended) A terminal, which is arranged for data transmission between the terminal (1) in question and a network [[(9)]], and which, in addition, is <u>the terminal being further</u> arranged to collect trace data [[(11)]], which applies to said data transmission, and to communicate [[it]] <u>the trace data</u> further, characterized in that <u>wherein</u> the terminal in question comprises<u>:</u>

       a standardized interface (3), which is arranged to communicate <u>the</u> trace data [[(11)]], and control means (14, 15) for setting the parameters of tracing and for communicating the trace data, which can be controlled with specific AT commands [[(10)]].

11. (currently amended) The terminal according to claim 10, characterized in that, in addition, it <u>wherein the terminal further</u> comprises<u>:</u>

       means (14, 15) for buffering and delaying the trace data [[(11)]] in the terminal (1) in question before its transmission further via said <u>standardized</u> interface.

12. (currently amended) The terminal according to claim 10<u>,</u> or 11, characterized in that it also <u>wherein the terminal further</u> comprises<u>:</u>

       means [[(MM)]] for connecting an external network tester [[(NT)]] to the terminal,

[[which]] the external network tester [[is]] being intended for receiving the trace data, for providing said specific AT commands.

13. (currently amended) A network tester, which is arranged for data transmission between a mobile terminal [[(1)]] and a network, (9), and which, in addition, is the network tester being further arranged to collect trace data [[(11)]], which applies to said data transmission, characterized in that wherein the network tester in question comprises:

a standardized interface (3), which is arranged for setting the trace parameters and for communicating the trace data, which can be controlled with specific AT commands [[(10)]].

14. (new) The method according to claim 2, wherein the specific AT commands are of a specific AT command set, the method further comprising:

using, in addition to the specific AT command set, a normal AT command set known as such in controlling the operation of the mobile terminal, but allowing the use of only one command set at a time in controlling the mobile terminal.

15. (new) The method according to claim 2, further comprising:

modifying the trace data to be sent to the network tester into a format, wherein the trace data comprises only the data substantial from the point of view of tracing.

16. (new) the terminal according to claim 11, wherein the terminal further comprises:

means for connecting an external network tester to the terminal, the external network tester being intended for receiving the trace data, for providing said specific AT commands.